

INTERNATIONAL SEARCH REPORT

International application No

PCT/US2009/050219

A. CLASSIFICATION OF SUBJECT MATTER
INV. C12N15/11 C07K14/47

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

C12N C07K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, Sequence Search

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 2007/084954 A (UNIV ILLINOIS [US]; PRABHAKAR BELLUR S [US]; MULHERKAR NIRUPAMA [US]) 26 July 2007 (2007-07-26) the whole document -----	1-26, 30-33
P,X	LI LIANG CHENG ET AL: "Regulation of apoptosis and caspase-8 expression in neuroblastoma cells by isoforms of the IG20 gene." CANCER RESEARCH 15 SEP 2008, vol. 68, no. 18, 15 September 2008 (2008-09-15), pages 7352-7361, XP002556048 ISSN: 1538-7445 the whole document ----- -/-	1-33

Further documents are listed in the continuation of Box C.

See patent family annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

18 November 2009

Date of mailing of the international search report

11/02/2010

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 2005/037303 A (UNIV ILLINOIS [US]; PRABHAKAR BELLUR S [US]) 28 April 2005 (2005-04-28) the whole document -----	1-33
A	EFIMOVA E V ET AL: "IG20, in contrast to DENN-SV, (MADD splice variants) suppresses tumor cell survival, and enhances their susceptibility to apoptosis and cancer drugs" ONCOGENE, NATURE PUBLISHING GROUP, GB, vol. 23, no. 5, 5 February 2004 (2004-02-05), pages 1076-1087, XP002317873 ISSN: 0950-9232 the whole document -----	1-33